AN 1999:213401 CAPLUS
Correction of: 1997:513626
DN 130:209597
Correction of: 127:205470
TI Preparation of heterocyclylhydroxyalkanamides and related compounds as HIV protease inhibitors.
IN Tung, Roger Dennis; Salituro, Francesco Gerald; Deininger, David D.; Bhisetti, Govinda Rao; Baker, Christopher Todd; Spaltenstein, Andrew; Kazmierski, Wieslaw M.; Andrews, Clarence Webster III
PA Vertex Pharmaceuticals Incorporated, USA
SO PCT Int. Appl., 336 pp
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9727180	A1	19970731	WO 1997-US1610	19970122
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
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				US 1996-592777 A	19960126
				US 1996-724563 A2	19960930
	US 5883252	A	19990316	US 1996-592777	19960126
	US 5945413	A	19990831	US 1996-724563	19960930
				US 1996-592777 A2	19960126
	AU 9717580	A1	19970820	AU 1997-17580	19970122
	AU 709239	B2	19990826		
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				WO 1997-US1610 W	19970122
	EP 882022	A1	19981209	EP 1997-904911	19970122
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				US 1996-592777 A	19960126
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				US 1996-724563 A	19960930
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PATENT FAMILY INFORMATION:
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	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5945413	A	19990831	US 1996-724563	19960930
				US 1996-592777 A2	19960126
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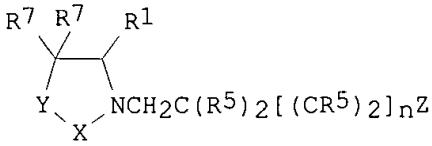

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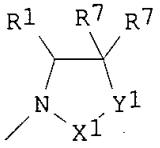
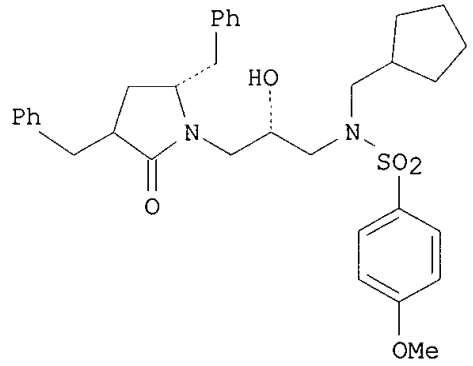




II

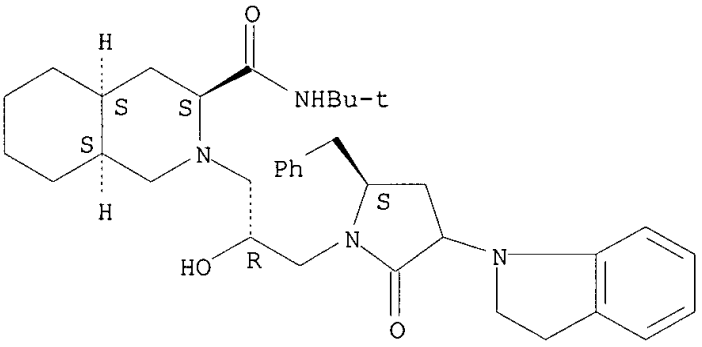
AB Title compds. [I; Z = (QR1)R1R4, Q1, etc.; ; X, X1 = CO, CO2, SO, SO2; Y, Y1 = [C(R2)2]p, NR2, C:C(R2)2, NR2CH2, etc.; Q = CH, N; R1, R2 = H, (substituted) alkyl, alkenyl, alkynyl, (fused) cycloalkyl, cycloalkenyl, etc.; R4 = (substituted) OR9, XR9, N(R9)2, R6, alkyl, alkenyl, (fused) cycloalkyl, cycloalkenyl, etc.; R5 = H, OH, O, R1; R6 = (substituted) aryl, carbocyclyl, heterocyclyl; R7 = H, OH, O; R9 = H, alkyl, alkenyl, alkynyl, aryl, carbocyclyl, heterocyclyl, aralkyl, carbocyclylalkyl, heterocyclylalkyl; n = 1, 2; r = 0-2], were prepd. Thus, title compd. (II) (prepn. given) inhibited HIV protease with Ki = 1.5 nM.

IT **194597-14-3P 194597-35-8P 194597-41-6P**
194597-48-3P 194597-55-2P 194597-62-1P
194599-37-6P 194599-38-7P
RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of heterocyclylhydroxyalkanamides and related compds. as HIV protease inhibitors)

RN 194597-14-3 CAPLUS

CN 3-Isoquinolinecarboxamide, 2-[(2R)-3-[(5S)-3-(2,3-dihydro-1H-indol-1-yl)-2-oxo-5-(phenylmethyl)-1-pyrrolidinyl]-2-hydroxypropyl]-N-(1,1-dimethylethyl)decahydro-, (3S,4aS,8aS)- (9CI) (CA INDEX NAME)

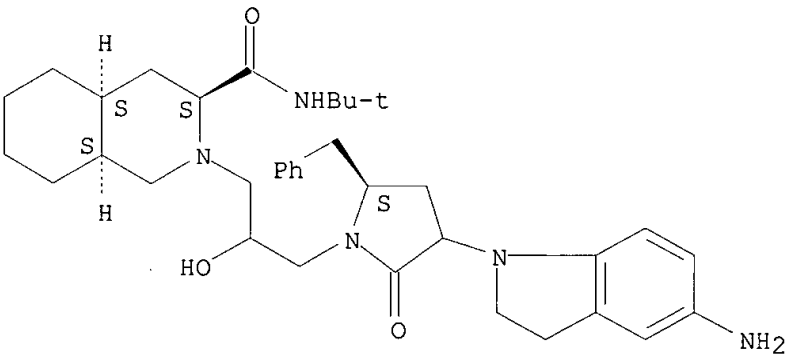
Absolute stereochemistry.



RN 194597-35-8 CAPLUS

CN 3-Isoquinolinecarboxamide, 2-[3-[(5S)-3-(5-amino-2,3-dihydro-1H-indol-1-yl)-2-oxo-5-(phenylmethyl)-1-pyrrolidinyl]-2-hydroxypropyl]-N-(1,1-dimethylethyl)decahydro-, (3S,4aS,8aS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

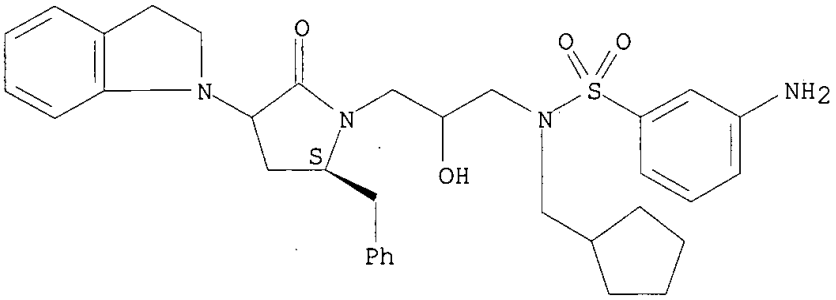


RN 194597-41-6 CAPLUS

CN Benzenesulfonamide, 3-amino-N-(cyclopentylmethyl)-N-[3-[(5S)-3-(2,3-

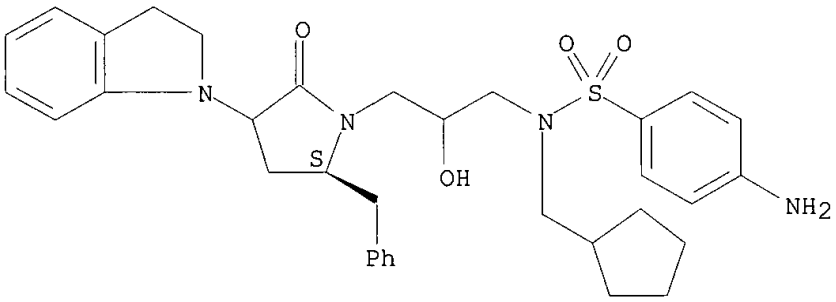
dihydro-1H-indol-1-yl)-2-oxo-5-(phenylmethyl)-1-pyrrolidinyl]-2-hydroxypropyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



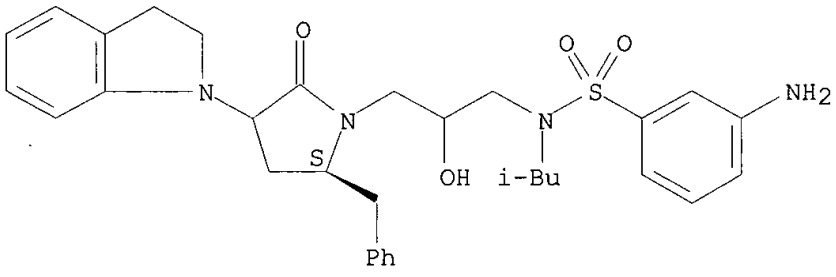
RN 194597-48-3 CAPLUS
CN Benzenesulfonamide, 4-amino-N-(cyclopentylmethyl)-N-[3-[(5S)-3-(2,3-dihydro-1H-indol-1-yl)-2-oxo-5-(phenylmethyl)-1-pyrrolidinyl]-2-hydroxypropyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



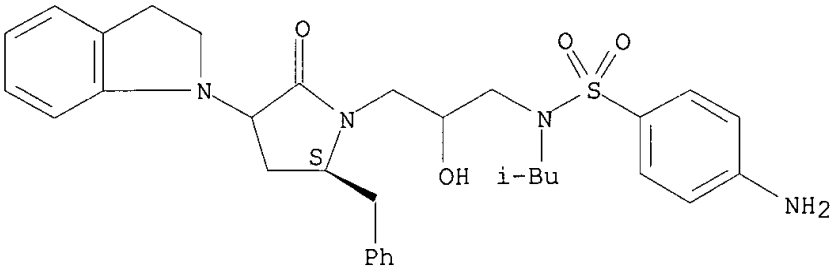
RN 194597-55-2 CAPLUS
CN Benzenesulfonamide, 3-amino-N-[3-[(5S)-3-(2,3-dihydro-1H-indol-1-yl)-2-oxo-5-(phenylmethyl)-1-pyrrolidinyl]-2-hydroxypropyl]-N-(2-methylpropyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



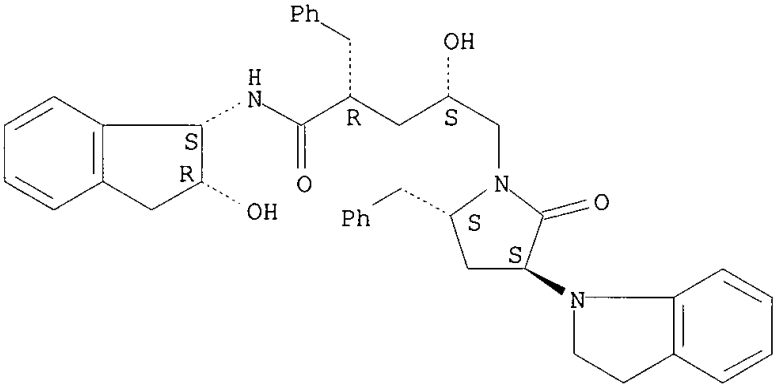
RN 194597-62-1 CAPLUS
CN Benzenesulfonamide, 4-amino-N-[3-[(5S)-3-(2,3-dihydro-1H-indol-1-yl)-2-oxo-5-(phenylmethyl)-1-pyrrolidinyl]-2-hydroxypropyl]-N-(2-methylpropyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



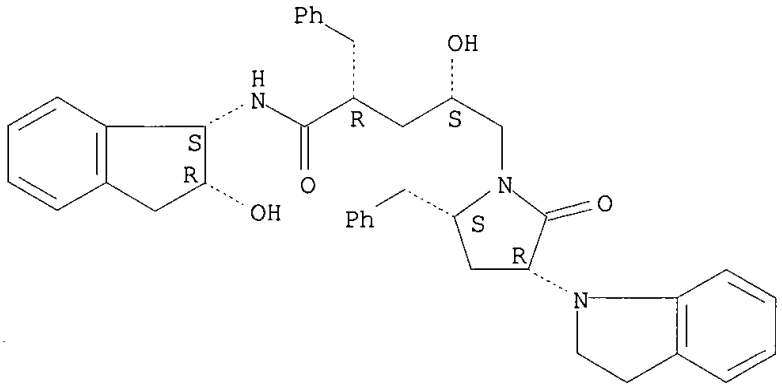
RN 194599-37-6 CAPLUS
CN D-erythro-Pentonamide, 2,3,5-trideoxy-N-[(1S,2R)-2,3-dihydro-2-hydroxy-1H-inden-1-yl]-5-[(3S,5S)-3-(2,3-dihydro-1H-indol-1-yl)-2-oxo-5-(phenylmethyl)-1-pyrrolidinyl]-2-(phenylmethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 194599-38-7 CAPLUS
CN D-erythro-Pentonamide, 2,3,5-trideoxy-N-[(1S,2R)-2,3-dihydro-2-hydroxy-1H-inden-1-yl]-5-[(3R,5S)-3-(2,3-dihydro-1H-indol-1-yl)-2-oxo-5-(phenylmethyl)-1-pyrrolidinyl]-2-(phenylmethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT **194598-35-1P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)
(prepn. of heterocyclylhydroxyalkanamides and related compds. as HIV protease inhibitors)

RN 194598-35-1 CAPLUS
CN 2-Pyrrolidinone, 3-(2,3-dihydro-1H-indol-1-yl)-5-(phenylmethyl)-, (5S)-
(9CI) (CA INDEX NAME)

Absolute stereochemistry.